

# INNOTINT

**WINDOW FILM ,DECORATIVE FILM ,SAFETY FILM**

The Professional film factory!

[WWW.INNO-GLASS.COM](http://WWW.INNO-GLASS.COM)



# SAFETY & SECURITY FILM



## Performance Data>>



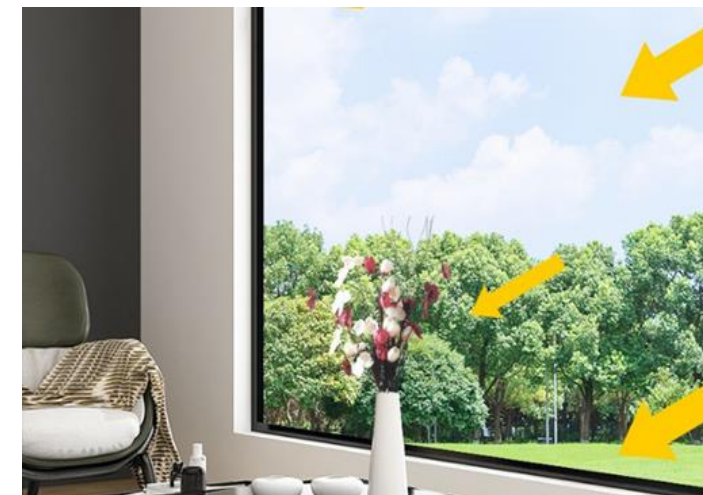
InnoTint® High Performance Architectural Window Film

Safety Film

The safety explosion-proof film adopts optical grade PET substrate, colorless and tasteless, high-definition and transparent; multi-layer stacked structure, wear-resistant and impact-resistant, can effectively slow down the impact load when encountering the impact of external forces, and has excellent anti-smash and explosion-proof effect. Explosion-proof film has good ductility and strong adhesive force of special adhesive backing, which can firmly adsorb and bond the fragments when the glass breaks or accidentally explodes, thus providing invisible protection and avoiding injuries caused by splashing fragments.

InnoTint® safety explosion-proof film is available in many thicknesses, widely used in a variety of specifications for home windows, doors, partitions, bathroom glass, street stores, large-scale floor-to-ceiling glass, display cabinets, banks, jewelry, jewelry stores, museums glass, commercial buildings, curtain wall glass, etc., to strengthen the performance of the glass; to protect the safety of personal property.

Part No	2HD	2K	4HD	4K	4U	8HD	8U	12K	12U
Thickness	2mil	2mil	4mil	4mil	4mil	8mil	8mil	12mil	12mil
Material	PET	PET	PET	PET	PET	PET	PET	PET	PET
UV Rejection %	15%	97%	15%	97%	99%	15%	99%	97%	99%
Visible Light T%	88%	88%	88%	88%	89%	88%	89%	89%	89%
Tensile Strength:	219Mpa	220Mpa	172Mpa	172Mpa	152Mpa	152Mpa	152Mpa	140Mpa	152Mpa
Peel Strength	650g/in	1000g/in	650g/in	1000g/in	2500g/in	650g/in	2500g/in	1000g/in	2500g/in
Surface Hardness	2.8H	2.8H	2.8H	2.8H	2.8H	2.8H	2.8H	2.8H	2.8H



	Safety Film	Tempered Glass
Safety	The safety blast film is strong enough to accept external forces, and the unique adhesive strength makes the film and glass firmly bonded together to prevent glass shards from hurting people.	There is a self-explosion rate of three thousandths. Higher than ordinary glass mechanical strength of 5 - 10 times, there are external forces, broken into countless small fragments of sharp corners, will cause splash injury.
UV protection	99% isolation of UV rays, so that indoor furniture, decoration is not easy to fade.	No UV barrier.
Construction and Maintenance	Easy to construct, won't crack, and easy to replace.	Difficult to construct and not easy to replace.
Durability	High-definition transparency, wear-resistant, impact-resistant, smash-resistant, increase glass strength and tear-resistant performance, prolong the service life of the glass.	There is a certain self-explosion rate; sudden cold and heat, typhoons and other emergencies may lead to glass cracking and splashing.
For retrofitting existing buildings	It is low cost, easy to construct, and will not interfere with normal pre-existing operations.	High cost, replacement of glass including structure, long time to disrupt original operation.

## Functional Features>>

Strong ductility, anti-impact and anti-smash, increasing the difficulty of home invasion and effectively preventing burglary >

High adsorption bonding, reducing the risk of glass cracking and splashing caused by hurricanes, explosions, earthquakes, etc., with stronger resistance to emergencies >

Passed the standard airburst test, preventing the flying debris caused by self-blown glass, invisible guards to protect home safety >

High-definition transparency with low reflectivity maintains a cozy indoor atmosphere and excellent visibility>

99% UV blocking, slowing down color fading and extending the life of furniture and fabrics>